

## 047104 NORTH BEND 205 FLOOD HAZARD REDUCTION

### DRAINAGE IMPROVEMENTS PROGRAM

COUNCIL DISTRICT 03

FUND: 3180 SURF & STRM WTR MGMT CONST

LOCATION NORTH BEND, UNINC. KING  
COUNTY

DEPT: 0748 SURF & STRM WTR MGMT CNST

### DESCRIPTION

King County and the City of North Bend have requested as local project sponsors the assistance of the U.S. Army Corps of Engineers under Section 205 of the 1948 Flood Control Act, as amended, to assist with all phases of implementing a flood hazard reduction project in North Bend and King County. The project is in the reconnaissance phase, with several diverse alternatives being considered. These include non-structural alternatives to elevate or remove flood-prone homes and businesses. Setbacks of existing levees along the South Fork Snoqualmie River channel are also being considered. The goals of the project are the reduction of flood damages along the South and Middle Forks of the Snoqualmie River in and around the City of North Bend in King County. Construction is expected to begin in 2007 at the earliest. Total project costs are currently estimated at \$11 million, which are the limitations of funding authority under the U.S. Army Corps of Engineers' Section 205 program. King County's total contribution is estimated at \$2 million, which funds the County's 25% local share of the project feasibility study and 17.5% project share of the design and construction costs. Accomplishments in 2006 are expected to include the completion of the reconnaissance phase and the proposed cost share agreement for the feasibility phase; Council action will be required for an interlocal agreement and federal cost share agreement.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	(\$372,587)	(2008)
ORIGINAL COST DATA:	\$7,000,000	(2000)
2008-2013 COST ESTIMATE:	(\$372,587)	
ANNUAL OPERATING COSTS		

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
007	COUNTY FORCE DESIGN	(372,587)	0	0	0	0	0	(372,587)
EXPENDITURE TOTAL		(372,587)	0	0	0	0	0	(372,587)

## REVENUES

### ACCOUNT

30800	BEG UNENCUMBERED FUND BA	(372,587)	0	0	0	0	0	(372,587)
REVENUE TOTAL		(372,587)	0	0	0	0	0	(372,587)



## 047105 RIVERS MAJOR MAINTENANCE

### RIVERS MAINTENANCE PROGRAM

COUNCIL DISTRICT 10

FUND: 3180 SURF & STRM WTR MGMT CONST

LOCATION COUNTYWIDE

DEPT: 0748 SURF & STRM WTR MGMT CNST

### DESCRIPTION

This CIP implements one of the Water and Land Resources Division's Strategic Plan Core Businesses through the design, permitting and construction of major maintenance repairs to some of the 500 King County river protection facilities located on major river systems throughout the County. These repairs protect public health and safety through repair projects that restore damaged structural elements, and enhance fish habitat and the environmental resources through the use of bio-engineered design features. Projects selected for repairs are prioritized based on the policies of the adopted King County Flood Hazard Reduction Plan. Major river maintenance projects promote the use of design and construction initiatives that protect or improve fish and wildlife habitats, reduce long-range maintenance costs and avoid adverse impacts on flood storage and conveyance. These initiatives include structural designs that use native vegetation and large woody debris in addition to project alternatives that set back flood protection facilities away from the river channel to increase flood conveyance and reduce the environmental impacts of flood protection on the riparian corridor.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: \$853,812 (2008)

ORIGINAL COST DATA: (NA)

2008-2013 COST ESTIMATE: \$853,812

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
003	CONSTRUCTION	845,312	0	0	0	0	0	845,312
006	ARTISTIC FURNISHINGS	8,500	0	0	0	0	0	8,500
EXPENDITURE TOTAL		853,812	0	0	0	0	0	853,812

## REVENUES

### ACCOUNT

30800	BEG UNENCUMBERED FUND BA	853,812	0	0	0	0	0	853,812
REVENUE TOTAL		853,812	0	0	0	0	0	853,812



## 047107 MILL CREEK FLOOD MANAGEMENT

### DRAINAGE IMPROVEMENTS PROGRAM

COUNCIL DISTRICT 07

FUND: 3180 SURF & STRM WTR MGMT CONST

### LOCATION

DEPT: 0748 SURF & STRM WTR MGMT CNST

### DESCRIPTION

This project is funded as an early action habitat restoration to address Endangered Species Act issues in the Mill Creek Basin of the Green Duwamish Ecosystem. The Lower Mullen Slough Habitat Restoration Project will capitalize upon a fifteen-acre parcel recently acquired by the King County. The project will result in an enhanced riparian/slough condition along main stem Mullen Slough, as it empties into the Lower Green. Riparian and aquatic resources will be strengthened through eradication of invasive plants, native plant installations, and the creation of pools and other off-channel refugia/rearing features. Project phasing reflects current property ownership patterns. Initial restoration tasks will be accomplished upon the County-owned parcel and a more comprehensive restoration project will occur following the acquisition of additional property between the County parcel and the mouth of Mullen Slough. The proposed project will be contained as a recommendation within the forthcoming Mill Creek Basin Action Plan and was also referenced within the WRIA9 Near Term Action Agenda.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	(\$87,596)	(2008)
ORIGINAL COST DATA:	\$89,000	(2001)
2008-2013 COST ESTIMATE:	(\$87,596)	
ANNUAL OPERATING COSTS		

### STATUS:

Completed

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
003	CONSTRUCTION	(87,596)	0	0	0	0	0	(87,596)
EXPENDITURE TOTAL		(87,596)	0	0	0	0	0	(87,596)

## REVENUES

### ACCOUNT

30800	BEG UNENCUMBERED FUND BA	(87,596)	0	0	0	0	0	(87,596)
REVENUE TOTAL		(87,596)	0	0	0	0	0	(87,596)



## 047109 F318 CENTRAL COSTS

### DRAINAGE IMPROVEMENTS PROGRAM

COUNCIL DISTRICT 10

FUND: 3180 SURF & STRM WTR MGMT CNST

LOCATION COUNTYWIDE

DEPT: 0748 SURF & STRM WTR MGMT CNST

### DESCRIPTION

CX and Finance rates for Fund 318. Ineligible for art contribution.

### PROJECT COMPARISON:

No change

### COST DATA:

FUNDING REQUEST: \$4,078 (2008)

ORIGINAL COST DATA: \$13,068 (2000)

2008-2013 COST ESTIMATE: \$4,078

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
005	CONTINGENCY	4,078	0	0	0	0	0	4,078
EXPENDITURE TOTAL		4,078	0	0	0	0	0	4,078

## REVENUES

### ACCOUNT

30800	BEG UNENCUMBERED FUND BA	4,078	0	0	0	0	0	4,078
REVENUE TOTAL		4,078	0	0	0	0	0	4,078



## 047111 FLOODWAY CORRIDOR RESTORATION

### DRAINAGE IMPROVEMENTS PROGRAM

COUNCIL DISTRICT 10

FUND: 3180 SURF & STRM WTR MGMT CNST

LOCATION COUNTYWIDE

DEPT: 0748 SURF & STRM WTR MGMT CNST

### DESCRIPTION

This CIP implements one of the Water and Land Resources Division's Strategic Plan Core Businesses through the completion of multiple benefit projects that mitigate against flood hazards and damages while strategically incorporating habitat restoration elements to reverse the decline in ecosystem health by reducing or eliminating factors which degrade habitat, impair ecological functions, and/or reduce the population or habitat of native salmonid species. Floodway corridor restoration projects include the removal or setback of flood protection facilities and other structural elements.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: (\$200,000) (2008)

ORIGINAL COST DATA: (NA)

2008-2013 COST ESTIMATE: (\$200,000)

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
003	CONSTRUCTION	(200,000)	0	0	0	0	0	(200,000)
EXPENDITURE TOTAL		(200,000)	0	0	0	0	0	(200,000)

## REVENUES

### ACCOUNT

30800	BEG UNENCUMBERED FUND BA	(200,000)	0	0	0	0	0	(200,000)
REVENUE TOTAL		(200,000)	0	0	0	0	0	(200,000)



## 047112 FLOOD HAZARD MITIGATION

### DRAINAGE IMPROVEMENTS PROGRAM

COUNCIL DISTRICT 10

FUND: 3180 SURF & STRM WTR MGMT CNST

LOCATION COUNTYWIDE

DEPT: 0748 SURF & STRM WTR MGMT CNST

### DESCRIPTION

This CIP implements one of the Water and Land Resources Division's Strategic Plan Core Businesses through the completion of projects that mitigate against flood hazard damages, protect public health and safety, reduce environmental impacts of flood reduction projects, and reduce long-term costs of floodplain management. Flood hazard mitigation projects include the acquisition of repetitively damaged homes, purchase of undeveloped land to prevent future development in flood prone areas, and where cost-effective and feasible, the elevation of residential homes that sustain recurring deep, low-velocity flooding. Elevation and acquisition projects provide a permanent, cost-effective alternative to repetitive maintenance or new construction of flood protection facilities.

Flood mitigation projects are typically implemented through the award of federal, state and/or local grants from such agencies as the Federal Emergency Management Agency and the Washington State Departments of Emergency Management and Ecology. These grants can provide up to 87.5% of the total project cost with King County's local match providing the balance of the costs. Home elevation projects require the local match to be provided by the benefiting landowner.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	(\$183,214)	(2008)
ORIGINAL COST DATA:		(NA)
2008-2013 COST ESTIMATE:	(\$183,214)	
ANNUAL OPERATING COSTS		

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
003	CONSTRUCTION	(183,214)	0	0	0	0	0	(183,214)
EXPENDITURE TOTAL		(183,214)	0	0	0	0	0	(183,214)

## REVENUES

### ACCOUNT

30800	BEG UNENCUMBERED FUND BA	(183,214)	0	0	0	0	0	(183,214)
REVENUE TOTAL		(183,214)	0	0	0	0	0	(183,214)



## 047115 MILL CREEK / MULLEN SLOUGH FLOOD ABATEMENT

### DRAINAGE IMPROVEMENTS PROGRAM

COUNCIL DISTRICT 07

FUND: 3180 SURF & STRM WTR MGMT CNST

### LOCATION

DEPT: 0748 SURF & STRM WTR MGMT CNST

### DESCRIPTION

Project completed. Disappropriating remaining funds.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	(\$10,415)	(2008)
ORIGINAL COST DATA:	\$65,000	(2002)
2008-2013 COST ESTIMATE:	(\$10,415)	
ANNUAL OPERATING COSTS	0	

### STATUS:

Completed

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
003	CONSTRUCTION	(10,415)	0	0	0	0	0	(10,415)
EXPENDITURE TOTAL		(10,415)	0	0	0	0	0	(10,415)

## REVENUES

### ACCOUNT

30800	BEG UNENCUMBERED FUND BA	(10,415)	0	0	0	0	0	(10,415)
REVENUE TOTAL		(10,415)	0	0	0	0	0	(10,415)



## 0A1787 FUND 3292 CONTINGENCY

### MISC SERVICES PROGRAM

COUNCIL DISTRICT 10

FUND: 3292 SWM CIP NON-BOND

LOCATION COUNTYWIDE

DEPT: 0745 SWM CIP NON-BOND

### DESCRIPTION

This is the CIP contingency project for WLR/SWM fund 3292. In order to balance CIP projects within the existing scope and appropriation authority for a given CIP project, it is sometimes necessary to allocate small amounts from the CIP Contingency project.

Ineligible for Art Contribution.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: (\$35,000) (2008)

ORIGINAL COST DATA: (NA)

2008-2013 COST ESTIMATE: (\$35,000)

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
005	CONTINGENCY	(35,000)	0	0	0	0	0	(35,000)
EXPENDITURE TOTAL		(35,000)	0	0	0	0	0	(35,000)

## REVENUES

### ACCOUNT

30800	BEG UNENCUMBERED FUND BA	(35,000)	0	0	0	0	0	(35,000)
REVENUE TOTAL		(35,000)	0	0	0	0	0	(35,000)





## 0C1085 ISSAQUAH CREEK RESTORATION

**TAHOMA RVN HT LARGE CIP PROGRAM**

**COUNCIL DISTRICT 09**

**FUND:** 3292 SWM CIP NON-BOND

**LOCATION** ISSAQUAH CREEK

**DEPT:** 0745 SWM CIP NON-BOND

### DESCRIPTION

The intent of the project was to restore a portion of the Issaquah Creek mainstem to improve salmon habitat. The project has been completed at a lower cost and the remaining funds have been reprogrammed.

### PROJECT COMPARISON:

Closed Out

### COST DATA:

FUNDING REQUEST:	(\$75,000)	(2008)
ORIGINAL COST DATA:	\$100,000	(1999)
2008-2013 COST ESTIMATE:	(\$75,000)	
ANNUAL OPERATING COSTS	NA	

### STATUS:

Completed

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
005	CONTINGENCY	(75,000)	0	0	0	0	0	(75,000)
<b>EXPENDITURE TOTAL</b>		(75,000)	0	0	0	0	0	(75,000)

## REVENUES

### ACCOUNT

39721	CONTRBTN-SURF WATER MGT	(75,000)	0	0	0	0	0	(75,000)
<b>REVENUE TOTAL</b>		(75,000)	0	0	0	0	0	(75,000)



## P20000 PUBLIC SAFETY & MAJOR PROPERTY PROTECTION

### LARGE PROJECTS PROGRAM

COUNCIL DISTRICT 10

FUND: 3292 SWM CIP NON-BOND

LOCATION COUNTYWIDE

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

This project undertakes actions to preserve public safety and/or protect property from events such as flooding, erosion, adverse water quality, or the deterioration of stormwater facilities designed to prevent such events. The highest priority projects in this program are those which protect the health and safety of the public, with particular emphasis given to preventing flooding inside inhabited structures and allowing emergency vehicle access. Other important projects address water quality problems which adversely affect both public safety and the ecosystem. These projects are typically identified through citizen complaints, basin planning, facility inspections, monitoring data, or reconnaissance by County engineers. Typical actions include constructing regional stormwater flow control facilities, upgrading undersized or deteriorating conveyance pipe, repair, upgrade, or construction of water quality treatment facilities, retrofitting flow control facilities, floodproofing structures to reduce flood damage, and stabilizing or rebuilding slopes and channels to prevent erosion.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$2,031,051	(2008)
ORIGINAL COST DATA:		(N/A)
2008-2013 COST ESTIMATE:	\$6,978,051	
ANNUAL OPERATING COSTS		

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
003	CONSTRUCTION	718,750	647	460	715	585	740	3,865,750
005	CONTINGENCY	350,809	0	0	0	0	0	350,809
006	ARTISTIC FURNISHINGS	4,575	0	0	0	0	0	4,575
007	COUNTY FORCE DESIGN	800,917	315	445	245	345	145	2,295,917
009	CONST ADMIN/ENGINEERING	106,000	55	25	25	20	20	251,000
010	CONCEPTUAL DESIGN	50,000	40	30	30	30	30	210,000
EXPENDITURE TOTAL		2,031,051	1,057	960	1,015	980	935	6,978,051

## REVENUES

### ACCOUNT

33121	FEMA	775,000	0	0	0	0	0	775,000
33429	DEPT OF ECOLOGY	250,000	0	0	0	0	0	250,000
39160	BOND ANTICIPATION NOTES	11,000	5	5	5	0	0	26,000
39170	OTHER NOTE PROCEEDS	60,000	0	0	0	0	0	60,000
39190	OTHER GENERAL LTD PROCEE	70,000	0	0	0	0	0	70,000
39721	CONTRBTN-SURF WATER MGT	865,051	1,052	955	1,010	980	935	5,797,051
REVENUE TOTAL		2,031,051	1,057	960	1,015	980	935	6,978,051



## P21000 NEIGHBORHOOD DRAINAGE & WATER QUALITY

### NEIGHBORHOOD DRAINAGE&WQ PROGRAM

COUNCIL DISTRICT 10

FUND: 3292 SWM CIP NON-BOND

LOCATION COUNTYWIDE

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

This program addresses smaller neighborhood problems of localized flooding, erosion, sedimentation, and water quality. These problems are typically identified through citizen drainage complaints or inspections of residential stormwater facilities. Actions typically include installing pipes and catch basins, upsizing culverts, removing accumulated sediment, stabilizing drainage channels, or retrofitting stormwater flow control facilities such as retention/detention ponds. This project includes small-scale drainage improvements to reduce flooding on private property and retrofits of drainage facilities to comply with legally mandated requirements of King County's NPDES Phase 1 Minicipal Stormwater Permit. Ineligible for Art contribution as the projects are not publicly accessible or visible.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: \$329,600 (2008)

ORIGINAL COST DATA: (N/A)

2008-2013 COST ESTIMATE: \$2,329,600

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
003	CONSTRUCTION	195,720	280	280	280	280	280	1,595,720
007	COUNTY FORCE DESIGN	133,880	120	120	120	120	120	733,880
EXPENDITURE TOTAL		329,600	400	400	400	400	400	2,329,600

## REVENUES

### ACCOUNT

39721	CONTRBTN-SURF WATER MGT	329,600	400	400	400	400	400	2,329,600
REVENUE TOTAL		329,600	400	400	400	400	400	2,329,600



## P22000 AGRICULTURAL DRAINAGE ASSISTANCE

### AG DRAINAGE ASSISTANCE PROGRAM

COUNCIL DISTRICT 10

FUND: 3292 SWM CIP NON-BOND

LOCATION COUNTYWIDE

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

The Agricultural Drainage Assistance program provides technical and financial support to farmers maintaining agricultural waterways to prevent flooded fields. The program comprises several individual maintenance projects and research to determine the effectiveness of mitigation measures. Ineligible for Art contribution as the projects are not publicly accessible or visible.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: \$433,175 (2008)

ORIGINAL COST DATA: (N/A)

2008-2013 COST ESTIMATE: \$3,729,677

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
003	CONSTRUCTION	303,223	418	438	460	483	508	2,610,775
007	COUNTY FORCE DESIGN	129,952	179	188	197	207	218	1,118,902
EXPENDITURE TOTAL		433,175	597	626	658	691	725	3,729,677

## REVENUES

### ACCOUNT

39113	GENERAL OBLIGATION BONDS	40,000	0	0	0	0	0	40,000
39160	BOND ANTICIPATION NOTES	39,000	0	0	0	0	0	39,000
39721	CONTRBTN-SURF WATER MGT	354,175	597	626	658	691	725	3,650,677
REVENUE TOTAL		433,175	597	626	658	691	725	3,729,677



## P23000 WRIA 7 ECOSYSTEM PROTECTION

### WRIA 7 PROGRAM

COUNCIL DISTRICT 03

FUND: 3292 SWM CIP NON-BOND

LOCATION WRIA 7

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

This project undertakes actions to protect or restore aquatic ecosystems in the Snoqualmie River Watershed. They are primarily identified through the WRIA 7 salmon conservation planning, CIP Reconnaissance, and other investigation efforts by the Snoqualmie Basin Steward. Typical actions include reconnecting side-channel habitat to the mainstem river, removing levees and other forms of bank hardening, eliminating man-made barriers to fish migration such as blocked culverts, increasing riparian forest cover to improve water quality, and recreating log jams to increase dynamic complexity in river flows.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: \$3,285,000 (2008)

ORIGINAL COST DATA: (N/A)

2008-2013 COST ESTIMATE: \$6,185,000

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
002	ACQUISITION	10,000	5	15	5	0	3	38,000
003	CONSTRUCTION	1,957,250	915	405	360	0	65	3,702,250
005	CONTINGENCY	500,000	100	0	0	0	0	600,000
006	ARTISTIC FURNISHINGS	4,500	0	0	0	0	0	4,500
007	COUNTY FORCE DESIGN	373,250	80	200	75	0	42	770,250
009	CONST ADMIN/ENGINEERING	440,000	150	30	60	0	15	695,000
010	CONCEPTUAL DESIGN	0	0	0	0	250	125	375,000
EXPENDITURE TOTAL		3,285,000	1,250	650	500	250	250	6,185,000

## REVENUES

### ACCOUNT

33705	INTERLOCAL-SEATTLE	1,000,000	1,000	0	0	0	0	2,000,000
39721	CONTRBTN-SURF WATER MGT	450,000	250	250	250	250	250	1,700,000
43315	SALMON RECOVERY-US F&WL	585,000	0	400	250	0	0	1,235,000
43471	PUGET SOUND PRTRNSHP GRN	1,000,000	0	0	0	0	0	1,000,000
44932	KCD INTRAFUND SERVICES	250,000	0	0	0	0	0	250,000
REVENUE TOTAL		3,285,000	1,250	650	500	250	250	6,185,000



## P24000 WRIA 8 ECOSYSTEM PROTECTION

### WRIA8 PROGRAM

COUNCIL DISTRICT 10

FUND: 3292 SWM CIP NON-BOND

LOCATION COUNTYWIDE

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

This project undertakes actions to protect or restore aquatic ecosystems in the unincorporated portions of the Cedar/Lake Washington Watershed. They were primarily identified through WRIA 8 salmon conservation planning, Surface Water Management basin planning, and other investigation efforts by the WRIA 8 basin stewards. Typical actions include reconnecting side-channel habitat to the mainstem river, removing levees and other forms of bank hardening, eliminating man-made barriers to fish migration such as blocked culverts, increasing riparian forest cover to improve water quality, and recreating log jams to increase dynamic complexity in river flows.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: \$460,000 (2008)

ORIGINAL COST DATA: (N/A)

2008-2013 COST ESTIMATE: \$5,000,000

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
002	ACQUISITION	305,000	850	50	140	770	690	2,805,000
003	CONSTRUCTION	25,000	123	193	733	33	233	1,340,000
006	ARTISTIC FURNISHINGS	500	0	0	0	0	0	500
007	COUNTY FORCE DESIGN	27,000	167	122	32	32	152	532,000
009	CONST ADMIN/ENGINEERING	7,500	15	0	0	0	0	22,500
010	CONCEPTUAL DESIGN	95,000	45	40	40	40	40	300,000
EXPENDITURE TOTAL		460,000	1,200	405	945	875	1,115	5,000,000

## REVENUES

### ACCOUNT

39721	CONTRBTN-SURF WATER MGT	270,000	280	275	275	275	275	1,650,000
43315	SALMON RECOVERY-US F&WL	40,000	650	0	500	500	660	2,350,000
44932	KCD INTRAFUND SERVICES	150,000	270	130	170	100	180	1,000,000
REVENUE TOTAL		460,000	1,200	405	945	875	1,115	5,000,000



## P25000 WRIA 9 ECOSYSTEM PROTECTION

### WRIA9 PROGRAM

COUNCIL DISTRICT 10

FUND: 3292 SWM CIP NON-BOND

LOCATION COUNTYWIDE

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

This project undertakes actions to protect or restore aquatic ecosystems in the Green River Watershed. They were primarily identified through WRIA 9 salmon conservation planning, Surface Water Management basin planning, the Green/Duwamish General Investigation Studies in partnership with the US Army Corps of Engineers, and other investigation efforts by WRIA 9 basin stewards. Typical actions include reconnecting side-channel habitat to the mainstem river, removing levees and other forms of bank hardening, eliminating man-made barriers to fish migration such as blocked culverts, increasing riparian forest cover to improve water quality, and recreating log jams to increase dynamic complexity in river flows.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: \$4,250,000 (2008)

ORIGINAL COST DATA: (N/A)

2008-2013 COST ESTIMATE: \$7,397,809

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
002	ACQUISITION	1,650	85	105	0	0	0	191,650
003	CONSTRUCTION	3,929,770	314	316	23	655	655	5,892,579
005	CONTINGENCY	50,000	31	0	0	0	0	81,000
006	ARTISTIC FURNISHINGS	1,930	0	0	0	0	0	1,930
007	COUNTY FORCE DESIGN	246,650	135	57	642	10	10	1,100,650
009	CONST ADMIN/ENGINEERING	20,000	40	70	0	0	0	130,000
EXPENDITURE TOTAL		4,250,000	605	548	665	665	665	7,397,809

## REVENUES

### ACCOUNT

39718	CONTRBTN-S&S WATER MGT C	0	0	0	250	250	250	750,000
39721	CONTRBTN-SURF WATER MGT	260,000	165	165	165	165	165	1,085,000
39767	CONTRBTN-ENV RESOURCE	40,000	40	133	0	0	0	212,809
43315	SALMON RECOVERY-US F&WL	3,600,000	250	250	250	250	250	4,850,000
44932	KCD INTRAFUND SERVICES	350,000	150	0	0	0	0	500,000
REVENUE TOTAL		4,250,000	605	548	665	665	665	7,397,809



## P26000 WRIA 10 ECOSYSTEM PROTECTION

### WRIA10 PROGRAM

COUNCIL DISTRICT 10

FUND: 3292 SWM CIP NON-BOND

LOCATION COUNTYWIDE

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

This project undertakes actions to protect or restore aquatic ecosystems in the King County portion of the White River Watershed. They were primarily identified through salmon conservation planning, the Rural CIP Reconnaissance, and other investigation efforts by basin stewards. Typical actions include reconnecting side-channel habitat to the mainstem river, removing levees and other forms of bank hardening, eliminating man-made barriers to fish migration such as blocked culverts, increasing riparian forest cover to improve water quality, and recreating log jams to increase dynamic complexity in river flows.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: \$85,000 (2008)

ORIGINAL COST DATA: (N/A)

2008-2013 COST ESTIMATE: \$85,000

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
006	ARTISTIC FURNISHINGS	850	0	0	0	0	0	850
007	COUNTY FORCE DESIGN	84,150	0	0	0	0	0	84,150
EXPENDITURE TOTAL		85,000	0	0	0	0	0	85,000

## REVENUES

### ACCOUNT

30800	BEG UNENCUMBERED FUND BA	35,000	0	0	0	0	0	35,000
39721	CONTRBTN-SURF WATER MGT	50,000	0	0	0	0	0	50,000
REVENUE TOTAL		85,000	0	0	0	0	0	85,000





## P27000 VASHON ECOSYSTEM PROTECTION

### VASHON PROGRAM

COUNCIL DISTRICT 08

FUND: 3292 SWM CIP NON-BOND

LOCATION VASHON

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

This project undertakes actions to protect or restore aquatic resources on Vashon and Maury Islands. These actions are typically identified through WRIA 9 salmon conservation planning, CIP Reconnaissance, Island-based environmental protection groups, and other investigation efforts by the Vashon basin steward. Typical actions include protecting forested aquifer recharge areas, preserving and enhancing unique upland habitats, protecting groundwater, eliminating fish blockages, increasing riparian forest, improving nearshore ecosystem processes, and reducing effective impervious surfaces.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: \$765,000 (2008)

ORIGINAL COST DATA: (N/A)

2008-2013 COST ESTIMATE: \$2,155,000

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
002	ACQUISITION	740,000	200	20	390	300	250	1,900,000
003	CONSTRUCTION	25,000	30	30	40	40	40	205,000
007	COUNTY FORCE DESIGN	0	10	10	10	10	10	50,000
EXPENDITURE TOTAL		765,000	240	60	440	350	300	2,155,000

## REVENUES

### ACCOUNT

39721	CONTRBTN-SURF WATER MGT	140,000	60	60	80	80	80	500,000
43315	SALMON RECOVERY-US F&WL	250,000	180	0	300	200	200	1,130,000
43423	IAC SALMON HABITAT	375,000	0	0	0	0	0	375,000
44932	KCD INTRAFUND SERVICES	0	0	0	60	70	20	150,000
REVENUE TOTAL		765,000	240	60	440	350	300	2,155,000



## P28000 SMALL HABITAT RESTORATION PROJECTS

### SHRP PROGRAM PROGRAM

COUNCIL DISTRICT 10

FUND: 3292 SWM CIP NON-BOND

LOCATION COUNTYWIDE

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

The Small Habitat Restoration Program (SHRP) restores riparian and wetland habitat by planting native vegetation, fencing riparian buffer areas, building fish habitat structures, stabilizing streambanks, and improving fish access to upstream habitat. The SHRP program was developed to provide a fast, cost-effective way to implement small restoration projects. The program selects projects that have maximum habitat benefits and minimal design and permitting needs. Estimate for art reduced because approximately half of projects are not on publicly accessible lands.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: \$200,000 (2008)

ORIGINAL COST DATA: (NA)

2008-2013 COST ESTIMATE: \$1,130,000

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
003	CONSTRUCTION	105,000	95	95	95	95	95	580,000
006	ARTISTIC FURNISHINGS	950	0	0	0	0	0	950
007	COUNTY FORCE DESIGN	94,050	95	90	90	90	90	549,050
EXPENDITURE TOTAL		200,000	190	185	185	185	185	1,130,000

## REVENUES

### ACCOUNT

39721	CONTRBTN-SURF WATER MGT	185,000	175	170	170	170	170	1,040,000
44932	KCD INTRAFUND SERVICES	15,000	15	15	15	15	15	90,000
REVENUE TOTAL		200,000	190	185	185	185	185	1,130,000



## P28310 STEWARDSHIP WATER QUALITY COST SHARE

### COST-SHARE GRANTS PROGRAM

COUNCIL DISTRICT 10

FUND: 3292 SWM CIP NON-BOND

LOCATION COUNTYWIDE

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

This project provides matching funds for farmers, livestock owners, and residents implementing best management practices to protect water quality and watershed function as detailed in the Livestock Management and Critical Areas Ordinances, and the administrative rules for Farm Management Plans and Rural Stewardship Plans. These cost share grants are awarded to landowners implementing practices included in an approved farm plan from the King Conservation District or Rural Stewardship Plan from King County. Typical bmps include livestock fencing, manure storage structures, buffer fencing for streams and wetlands, culvert replacement, and riparian plantings. King County conducts periodic outreach to advertise the program and monitors for compliance and effectiveness. Ineligible for 1% art contribution as projects are not publicly accessible or visible.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: \$110,000 (2008)

ORIGINAL COST DATA: (N/A)

2008-2013 COST ESTIMATE: \$660,000

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
003	CONSTRUCTION	110,000	110	110	110	110	110	660,000
EXPENDITURE TOTAL		110,000	110	110	110	110	110	660,000

## REVENUES

### ACCOUNT

39721	CONTRBTN-SURF WATER MGT	110,000	110	110	110	110	110	660,000
REVENUE TOTAL		110,000	110	110	110	110	110	660,000



## P28330 CIP RECONNAISSANCE

### MISC SERVICES PROGRAM

COUNCIL DISTRICT 10

FUND: 3292 SWM CIP NON-BOND

LOCATION COUNTYWIDE

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

Planning and technical analyses primarily by basin stewards to identify, scope, and coordinate CIP projects, particularly for habitat preservation and restoration. Includes efforts to coordinate partnership agreements with the US Army Corps of Engineers for large restoration projects. Ineligible for 1% art contribution as project is not publicly accessible or visible.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: \$98,000 (2008)

ORIGINAL COST DATA: (N/A)

2008-2013 COST ESTIMATE: \$1,148,000

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
010	CONCEPTUAL DESIGN	98,000	210	210	210	210	210	1,148,000
EXPENDITURE TOTAL		98,000	210	210	210	210	210	1,148,000

## REVENUES

### ACCOUNT

39721	CONTRBTN-SURF WATER MGT	98,000	210	210	210	210	210	1,148,000
REVENUE TOTAL		98,000	210	210	210	210	210	1,148,000



## P28400 SWM CIP MONITORING & MAINTENANCE

### MONITORING & MAINT PROG PROGRAM

COUNCIL DISTRICT 10

FUND: 3292 SWM CIP NON-BOND

LOCATION COUNTYWIDE

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

Many capital improvement projects have long-term monitoring requirements imposed by the various regulatory agencies involved in issuing project-related permits. Typically, the required monitoring period was 5 years; recently, however, agency-imposed monitoring periods are being extended to as much as 10 years following construction. Information gathered by the CIP Monitoring Program is used to comply with permit requirements, as well as to evaluate effectiveness of project designs and construction techniques. This information is used in an adaptive management framework to revise or modify projects, as necessary. Monitoring may include flow gauging, sediment transport and turbidity/water quality analysis, evaluation of changes in habitat type and quality, analysis of channel stability, and plant survival and vegetation cover monitoring. Ineligible for art contribution.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: \$240,000 (2008)

ORIGINAL COST DATA: (N/A)

2008-2013 COST ESTIMATE: \$1,440,000

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
009	CONST ADMIN/ENGINEERING	240,000	240	240	240	240	240	1,440,000
EXPENDITURE TOTAL		240,000	240	240	240	240	240	1,440,000

## REVENUES

### ACCOUNT

39721	CONTRBTN-SURF WATER MGT	240,000	240	240	240	240	240	1,440,000
REVENUE TOTAL		240,000	240	240	240	240	240	1,440,000



## P28910 NATURAL LANDS PRESERVE & PROTECT

### NATURAL LANDS P & P PROGRAM

COUNCIL DISTRICT 10

FUND: 3292 SWM CIP NON-BOND

LOCATION COUNTYWIDE

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

This project funds preventative actions and improvements, both planned and emergency, to natural resource lands in unincorporated King County. Examples are road improvements, culvert replacements, gates, blocks to access, response to floods, landslides, etc., and elimination of safety hazards. This project will also cover work on site management plans for newly acquired sites.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST: \$112,775 (2008)

ORIGINAL COST DATA: (N/A)

2008-2013 COST ESTIMATE: \$112,775

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	112,775	0	0	0	0	0	112,775
EXPENDITURE TOTAL		112,775	0	0	0	0	0	112,775

## REVENUES

### ACCOUNT

33431	I A C PARK DEVELOPMENT	112,775	0	0	0	0	0	112,775
REVENUE TOTAL		112,775	0	0	0	0	0	112,775



## P28993 F3292 CENTRAL COSTS

COUNTY CENTRAL SERVICES PROGRAM

COUNCIL DISTRICT 10

FUND: 3292 SWM CIP NON-BOND

LOCATION COUNTYWIDE

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

Central finance charges assigned to Fund 3292. Ineligible for art contribution.

### PROJECT COMPARISON:

No change

### COST DATA:

FUNDING REQUEST: \$93,696 (2008)

ORIGINAL COST DATA: (N/A)

2008-2013 COST ESTIMATE: \$593,696

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
005	CONTINGENCY	93,696	100	100	100	100	100	593,696
EXPENDITURE TOTAL		93,696	100	100	100	100	100	593,696

## REVENUES

### ACCOUNT

39721	CONTRBTN-SURF WATER MGT	93,696	100	100	100	100	100	593,696
REVENUE TOTAL		93,696	100	100	100	100	100	593,696



## P28994 GREENBRIDGE (HOPE VI) COST SHARE

COUNTY CENTRAL SERVICES PROGRAM

COUNCIL DISTRICT 08

FUND: 3292 SWM CIP NON-BOND

LOCATION WHITE CENTER

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

Provides for debt service of \$1 million portion of an \$8M loan to develop the "Greenbridge" mixed-income residential development located in White Center. The SWM portion of the loan will be applied to drainage needs of the development. Current loan arrangement sets debt service payments for 2005 - 2013. 2005 payment came from 2004 appropriation carryover under previous project number (0B1627). Ineligible for 1% for art contribution as project is not publicly accessible or visible.

### PROJECT COMPARISON:

No change

### COST DATA:

FUNDING REQUEST:	\$130,000	(2008)
ORIGINAL COST DATA:	\$250,000	(2001)
2008-2013 COST ESTIMATE:	\$777,525	
ANNUAL OPERATING COSTS		

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
010	CONCEPTUAL DESIGN	130,000	130	130	130	130	130	777,525
EXPENDITURE TOTAL		130,000	130	130	130	130	130	777,525

## REVENUES

### ACCOUNT

39721	CONTRBTN-SURF WATER MGT	130,000	130	130	130	130	130	777,525
REVENUE TOTAL		130,000	130	130	130	130	130	777,525





## P29010 ENUMCLAW BIOGAS PROJECT

### MISCELLANEOUS SERVICES PROGRAM

COUNCIL DISTRICT 09

FUND: 3292 SWM CIP NON-BOND

LOCATION ENUMCLAW PLATEAU

DEPT: 0745 SWM CIP NON-BOND DEPT

### DESCRIPTION

This project explores alternative ways of handling manure on the Enumclaw Plateau to maximize waste to resources, protect water quality and support local dairy farming. The first phase was to explore feasibility of a digester system. Based on initial feasibility work, DNRP determined that most effective approach is not to acquire land for large-scale aggregation, but to anchor the demonstration project on a single farm where aggregation of manure from neighboring farms is possible. We are now in the second phase of the project which is to establish the best site on a dairy farmer's land and use our current USDA grant to create a design of digester, solids recovery and compost production, energy use and nutrient reduction program. The project also will seek to aggregate additional adjacent farms if feasible. The third phase will be permitting and construction. And the final phase will be operations, marketing of solids, monitoring progress on nutrient reduction and on-going effort to optimize efficiency of operations.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$500,000	(2008)
ORIGINAL COST DATA:		(2007)
2008-2013 COST ESTIMATE:	\$2,345,000	
ANNUAL OPERATING COSTS	100000	

### STATUS:

Design

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
003	CONSTRUCTION	500,000	1,845	0	0	0	0	2,345,000
EXPENDITURE TOTAL		500,000	1,845	0	0	0	0	2,345,000

## REVENUES

### ACCOUNT

33299	FEDERAL SHARED REVENUE	500,000	1,400	0	0	0	0	1,900,000
39113	GENERAL OBLIGATION BONDS	0	445	0	0	0	0	445,000
REVENUE TOTAL		500,000	1,845	0	0	0	0	2,345,000



## FL0000 SKYKOMISH/MILLER RIVER FLOOD PROTECTION

### SKY MILLER R PROGRAM

COUNCIL DISTRICT 03

FUND: 3571 KING COUNTY FLOOD CONTROL  
CAPITAL CONTRACT

LOCATION SKYKOMISH/MILLER RIVERS

DEPT: 0571 KC FLD CONTRL ZONE CONST

### DESCRIPTION

This project undertakes actions to reduce the risk of flood damage along the South Fork Skykomish and Miller Rivers, primarily identified through the King County Flood Hazard Management Plan. The intent of the actions is to reduce the risks from flood and channel migration hazards, to avoid or minimize the environmental impacts of flood hazard management, and to reduce the long-term costs of flood hazard management. Typical actions include acquiring flood prone properties, relocating structures away from the flood zone, and improvements to the Skykomish Levee enclosure and channel.

### PROJECT COMPARISON:

New

### COST DATA:

FUNDING REQUEST:	\$764,606	(2008)
ORIGINAL COST DATA:	\$0	(2008)
2008-2013 COST ESTIMATE:	\$764,606	
ANNUAL OPERATING COSTS		

### STATUS:

New Project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	110,828	0	0	0	0	0	110,828
002	ACQUISITION	638,097	0	0	0	0	0	638,097
005	CONTINGENCY	15,681	0	0	0	0	0	15,681
EXPENDITURE TOTAL		764,606	0	0	0	0	0	764,606

## REVENUES

### ACCOUNT

39719	CONTRBTN-FLD CTRL ZONE DT	764,606	0	0	0	0	0	764,606
REVENUE TOTAL		764,606	0	0	0	0	0	764,606



## FL1000 UPPER SNOQUALMIE RIVER FLOOD PROTECTION

### U SNOQUALMIE R PROGRAM

COUNCIL DISTRICT 03

FUND: 3571 KING COUNTY FLOOD CONTROL  
CAPITAL CONTRACT

LOCATION UPPER SNOQUALMIE RIVER

DEPT: 0571 KC FLD CONTRL ZONE CONST

### DESCRIPTION

This project undertakes actions to reduce the risk of flood damage along the Upper Snoqualmie River, primarily identified through the King County Flood Hazard Management Plan. The intent of the actions is to reduce the risks from flood and channel migration hazards, to avoid or minimize the environmental impacts of flood hazard management, and to reduce the long-term costs of flood hazard management. Typical actions include repairing failing levees and revetments, setting back levees to widen the river channel, removing log jams, elevating homes, relocating structures away from the flood zone, removing accumulated sediment in the river channel, reconnecting floodplains to the main river channel or acquiring open space to be used as flood storage.

### PROJECT COMPARISON:

New

### COST DATA:

FUNDING REQUEST: \$1,497,071 (2008)

ORIGINAL COST DATA: \$0 (2008)

2008-2013 COST ESTIMATE: \$1,497,071

ANNUAL OPERATING COSTS

### STATUS:

New Project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	1,298,576	0	0	0	0	0	1,298,576
002	ACQUISITION	69,620	0	0	0	0	0	69,620
005	CONTINGENCY	113,904	0	0	0	0	0	113,904
006	ARTISTIC FURNISHINGS	14,971	0	0	0	0	0	14,971
EXPENDITURE TOTAL		1,497,071	0	0	0	0	0	1,497,071

## REVENUES

### ACCOUNT

39719	CONTRBTN-FLD CTRL ZONE DT	1,497,071	0	0	0	0	0	1,497,071
REVENUE TOTAL		1,497,071	0	0	0	0	0	1,497,071



## FL2000 LOWER SNOQUALMIE RIVER FLOOD PROTECTION

### L SNOQUALMIE R PROGRAM

COUNCIL DISTRICT 03

FUND: 3571 KING COUNTY FLOOD CONTROL  
CAPITAL CONTRACT

LOCATION LOWER SNOQUALMIE RIVER

DEPT: 0571 KC FLD CONTRL ZONE CONST

### DESCRIPTION

This project undertakes actions to reduce the risk of flood damage along the Lower Snoqualmie River, primarily identified through the King County Flood Hazard Management Plan. The intent of the actions is to reduce the risks from flood and channel migration hazards, to avoid or minimize the environmental impacts of flood hazard management, and to reduce the long-term costs of flood hazard management. Typical actions include repairing failing levees and revetments, setting back levees to widen the river channel, removing log jams, elevating homes, relocating structures away from the flood zone, removing accumulated sediment in the river channel, reconnecting floodplains to the main river channel or acquiring open space to be used as flood storage.

### PROJECT COMPARISON:

New

### COST DATA:

FUNDING REQUEST: \$3,890,134 (2008)

ORIGINAL COST DATA: \$0 (2008)

2008-2013 COST ESTIMATE: \$3,890,134

ANNUAL OPERATING COSTS

### STATUS:

New Project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	853,284	0	0	0	0	0	853,284
002	ACQUISITION	1,077,348	0	0	0	0	0	1,077,348
003	CONSTRUCTION	1,599,375	0	0	0	0	0	1,599,375
005	CONTINGENCY	323,318	0	0	0	0	0	323,318
006	ARTISTIC FURNISHINGS	36,809	0	0	0	0	0	36,809
EXPENDITURE TOTAL		3,890,134	0	0	0	0	0	3,890,134

## REVENUES

### ACCOUNT

39719	CONTRBTN-FLD CTRL ZONE DT	3,890,134	0	0	0	0	0	3,890,134
REVENUE TOTAL		3,890,134	0	0	0	0	0	3,890,134



## FL3000 TOLT RIVER FLOOD PROTECTION

### TOLT R PROGRAM

COUNCIL DISTRICT 03

FUND: 3571 KING COUNTY FLOOD CONTROL  
CAPITAL CONTRACT

LOCATION TOLT RIVER

DEPT: 0571 KC FLD CONTRL ZONE CONST

### DESCRIPTION

This project undertakes actions to reduce the risk of flood damage along the Tolt River, primarily identified through the King County Flood Hazard Management Plan. The intent of the actions is to reduce the risks from flood and channel migration hazards, to avoid or minimize the environmental impacts of flood hazard management, and to reduce the long-term costs of flood hazard management. Typical actions include repairing failing levees and revetments, setting back levees to widen the river channel, removing log jams, elevating homes, relocating structures away from the flood zone, removing accumulated sediment in the river channel, reconnecting floodplains to the main river channel or acquiring open space to be used as flood storage.

### PROJECT COMPARISON:

New

### COST DATA:

FUNDING REQUEST: \$105,021 (2008)

ORIGINAL COST DATA: \$0 (2008)

2008-2013 COST ESTIMATE: \$105,021

ANNUAL OPERATING COSTS

### STATUS:

New Project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	46,576	0	0	0	0	0	46,576
002	ACQUISITION	48,713	0	0	0	0	0	48,713
005	CONTINGENCY	8,682	0	0	0	0	0	8,682
006	ARTISTIC FURNISHINGS	1,050	0	0	0	0	0	1,050
EXPENDITURE TOTAL		105,021	0	0	0	0	0	105,021

## REVENUES

### ACCOUNT

39719	CONTRBTN-FLD CTRL ZONE DT	105,021	0	0	0	0	0	105,021
REVENUE TOTAL		105,021	0	0	0	0	0	105,021



## FL4000 RAGING RIVER FLOOD PROTECTION

### RAGING R PROGRAM

COUNCIL DISTRICT 03

FUND: 3571 KING COUNTY FLOOD CONTROL  
CAPITAL CONTRACT

LOCATION RAGING RIVER

DEPT: 0571 KC FLD CONTRL ZONE CONST

### DESCRIPTION

This project undertakes actions to reduce the risk of flood damage along the Raging River, primarily identified through the King County Flood Hazard Management Plan. The intent of the actions is to reduce the risks from flood and channel migration hazards, to avoid or minimize the environmental impacts of flood hazard management, and to reduce the long-term costs of flood hazard management. Typical actions include repairing failing levees and revetments, setting back levees to widen the river channel, removing channel constrictions, relocating structures away from the flood zone, reconnecting floodplains to the main river channel or acquiring open space to be used as flood storage.

### PROJECT COMPARISON:

New

### COST DATA:

FUNDING REQUEST:	\$1,130,480	(2008)
ORIGINAL COST DATA:	\$0	(2008)
2008-2013 COST ESTIMATE:	\$1,130,480	
ANNUAL OPERATING COSTS		

### STATUS:

New Project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	517,059	0	0	0	0	0	517,059
002	ACQUISITION	539,649	0	0	0	0	0	539,649
005	CONTINGENCY	68,733	0	0	0	0	0	68,733
006	ARTISTIC FURNISHINGS	5,039	0	0	0	0	0	5,039
EXPENDITURE TOTAL		1,130,480	0	0	0	0	0	1,130,480

## REVENUES

### ACCOUNT

39719	CONTRBTN-FLD CTRL ZONE DT	1,130,480	0	0	0	0	0	1,130,480
REVENUE TOTAL		1,130,480	0	0	0	0	0	1,130,480



## FL5000 SAMMAMISH RIVER FLOOD PROTECTION

### SAMMAMISH R PROGRAM

COUNCIL DISTRICT 10

FUND: 3571 KING COUNTY FLOOD CONTROL  
CAPITAL CONTRACT

LOCATION COUNTYWIDE

DEPT: 0571 KC FLD CONTRL ZONE CONST

### DESCRIPTION

This project undertakes actions to reduce the risk of flood damage along the Sammamish River, primarily identified through the King County Flood Hazard Management Plan. The intent of the actions is to reduce the risks from flood and channel migration hazards, to avoid or minimize the environmental impacts of flood hazard management, and to reduce the long-term costs of flood hazard management. Typical actions include repairing failing levees and revetments, setting back levees to widen the river channel, removing log jams, elevating homes, relocating structures away from the flood zone, removing accumulated sediment in the river channel, reconnecting floodplains to the main river channel or acquiring open space to be used as flood storage.

### PROJECT COMPARISON:

New

### COST DATA:

FUNDING REQUEST: \$329,634 (2008)

ORIGINAL COST DATA: \$0 (2008)

2008-2013 COST ESTIMATE: \$329,634

ANNUAL OPERATING COSTS

### STATUS:

New Project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	265,949	0	0	0	0	0	265,949
005	CONTINGENCY	60,389	0	0	0	0	0	60,389
006	ARTISTIC FURNISHINGS	3,296	0	0	0	0	0	3,296
EXPENDITURE TOTAL		329,634	0	0	0	0	0	329,634

## REVENUES

### ACCOUNT

39719	CONTRBTN-FLD CTRL ZONE DT	329,634	0	0	0	0	0	329,634
REVENUE TOTAL		329,634	0	0	0	0	0	329,634



## FL6000 ISSAQUAH CREEK FLOOD PROTECTION

### ISSAQUAH CR PROGRAM

COUNCIL DISTRICT 10

FUND: 3571 KING COUNTY FLOOD CONTROL  
CAPITAL CONTRACT

LOCATION COUNTYWIDE

DEPT: 0571 KC FLD CONTRL ZONE CONST

### DESCRIPTION

This project undertakes actions to reduce the risk of flood damage along Issaquah Creek, primarily identified through the King County Flood Hazard Management Plan. The intent of the actions is to reduce the risks from flood and channel migration hazards, to avoid or minimize the environmental impacts of flood hazard management, and to reduce the long-term costs of flood hazard management. Typical actions include removing old levees, elevating homes, relocating structures away from the flood zone, reconnecting floodplains to the main river channel and acquiring open space to be used as flood storage.

### PROJECT COMPARISON:

New

### COST DATA:

FUNDING REQUEST:	\$58,068	(2008)
ORIGINAL COST DATA:	\$0	(2008)
2008-2013 COST ESTIMATE:	\$58,068	
ANNUAL OPERATING COSTS		

### STATUS:

New Project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	21,485	0	0	0	0	0	21,485
002	ACQUISITION	32,518	0	0	0	0	0	32,518
005	CONTINGENCY	3,484	0	0	0	0	0	3,484
006	ARTISTIC FURNISHINGS	581	0	0	0	0	0	581
EXPENDITURE TOTAL		58,068	0	0	0	0	0	58,068

## REVENUES

### ACCOUNT

39719	CONTRBTN-FLD CTRL ZONE DT	58,068	0	0	0	0	0	58,068
REVENUE TOTAL		58,068	0	0	0	0	0	58,068





## FL7000 CEDAR RIVER FLOOD PROTECTION

### CEDAR R PROGRAM

COUNCIL DISTRICT 10

FUND: 3571 KING COUNTY FLOOD CONTROL  
CAPITAL CONTRACT

LOCATION COUNTYWIDE

DEPT: 0571 KC FLD CONTRL ZONE CONST

### DESCRIPTION

This project undertakes actions to reduce the risk of flood damage along the Cedar River, primarily identified through the King County Flood Hazard Management Plan. The intent of the actions is to reduce the risks from flood and channel migration hazards, to avoid or minimize the environmental impacts of flood hazard management, and to reduce the long-term costs of flood hazard management. Typical actions include repairing failing levees and revetments, setting back levees to widen the river channel, removing log jams, elevating homes, relocating structures away from the flood zone, removing accumulated sediment in the river channel, reconnecting floodplains to the main river channel or acquiring open space to be used as flood storage.

### PROJECT COMPARISON:

New

### COST DATA:

FUNDING REQUEST: \$5,081,957 (2008)

ORIGINAL COST DATA: \$0 (2008)

2008-2013 COST ESTIMATE: \$5,081,957

ANNUAL OPERATING COSTS

### STATUS:

New Project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	1,672,616	0	0	0	0	0	1,672,616
002	ACQUISITION	2,936,958	0	0	0	0	0	2,936,958
003	CONSTRUCTION	153,396	0	0	0	0	0	153,396
005	CONTINGENCY	313,948	0	0	0	0	0	313,948
006	ARTISTIC FURNISHINGS	5,039	0	0	0	0	0	5,039
EXPENDITURE TOTAL		5,081,957	0	0	0	0	0	5,081,957

## REVENUES

### ACCOUNT

39719	CONTRBTN-FLD CTRL ZONE DT	5,081,957	0	0	0	0	0	5,081,957
REVENUE TOTAL		5,081,957	0	0	0	0	0	5,081,957



## FL8000 GREEN RIVER FLOOD PROTECTION

### GREEN R PROGRAM

COUNCIL DISTRICT 10

FUND: 3571 KING COUNTY FLOOD CONTROL  
CAPITAL CONTRACT

LOCATION COUNTYWIDE

DEPT: 0571 KC FLD CONTRL ZONE CONST

### DESCRIPTION

This project undertakes actions to reduce the risk of flood damage along the Green River, primarily identified through the King County Flood Hazard Management Plan. The intent of the actions is to reduce the risks from flood and channel migration hazards, to avoid or minimize the environmental impacts of flood hazard management, and to reduce the long-term costs of flood hazard management. Typical actions include repairing failing levees and revetments, setting back levees to widen the river channel, removing log jams, elevating homes, relocating structures away from the flood zone, removing accumulated sediment in the river channel, reconnecting floodplains to the main river channel or acquiring open space to be used as flood storage.

### PROJECT COMPARISON:

New

### COST DATA:

FUNDING REQUEST: \$3,761,586 (2008)

ORIGINAL COST DATA: \$0 (2008)

2008-2013 COST ESTIMATE: \$3,761,586

ANNUAL OPERATING COSTS

### STATUS:

New Project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	2,121,648	0	0	0	0	0	2,121,648
002	ACQUISITION	684,665	0	0	0	0	0	684,665
003	CONSTRUCTION	413,161	0	0	0	0	0	413,161
005	CONTINGENCY	504,496	0	0	0	0	0	504,496
006	ARTISTIC FURNISHINGS	37,616	0	0	0	0	0	37,616
EXPENDITURE TOTAL		3,761,586	0	0	0	0	0	3,761,586

## REVENUES

### ACCOUNT

39719	CONTRBTN-FLD CTRL ZONE DT	3,761,586	0	0	0	0	0	3,761,586
REVENUE TOTAL		3,761,586	0	0	0	0	0	3,761,586



## FL9000 WHITE RIVER FLOOD PROTECTION

### WHITE RIVER PROGRAM

COUNCIL DISTRICT 10

FUND: 3571 KING COUNTY FLOOD CONTROL  
CAPITAL CONTRACT

LOCATION COUNTYWIDE

DEPT: 0571 KC FLD CONTRL ZONE CONST

### DESCRIPTION

This project undertakes actions to reduce the risk of flood damage along the White River, primarily identified through the King County Flood Hazard Management Plan. The intent of the actions is to reduce the risks from flood and channel migration hazards, to avoid or minimize the environmental impacts of flood hazard management, and to reduce the long-term costs of flood hazard management. Typical actions include repairing failing levees and revetments, setting back levees to widen the river channel, stabilizing riverbanks, elevating homes, relocating structures away from the flood zone, reconnecting floodplains to the main river channel or acquiring open space to be used as flood storage.

### PROJECT COMPARISON:

New

### COST DATA:

FUNDING REQUEST:	\$526,987	(2008)
ORIGINAL COST DATA:	\$0	(2008)
2008-2013 COST ESTIMATE:	\$526,987	
ANNUAL OPERATING COSTS		

### STATUS:

New Project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	198,367	0	0	0	0	0	198,367
002	ACQUISITION	289,969	0	0	0	0	0	289,969
005	CONTINGENCY	36,476	0	0	0	0	0	36,476
006	ARTISTIC FURNISHINGS	2,175	0	0	0	0	0	2,175
EXPENDITURE TOTAL		526,987	0	0	0	0	0	526,987

## REVENUES

### ACCOUNT

39719	CONTRBTN-FLD CTRL ZONE DT	526,987	0	0	0	0	0	526,987
REVENUE TOTAL		526,987	0	0	0	0	0	526,987



## FLM000 FLOOD CIP MONITORING/MAINTENANCE

### MONITORING/MAINT PROGRAM

COUNCIL DISTRICT 10

FUND: 3571 KING COUNTY FLOOD CONTROL  
CAPITAL CONTRACT

LOCATION COUNTYWIDE

DEPT: 0571 KC FLD CONTRL ZONE CONST

### DESCRIPTION

Flood Control Zone District Capital Improvement Projects require several year of maintenance and monitoring after construction has been completed. Maintenance work needed to ensure the success of the projects typically includes irrigation, weed control and additional revegetation work. Occasionally minor flood damage to a new, not yet fully established bank stabilization projects must be repaired. Monitoring to identify maintenance needs, meet permit requirements, and to inform future project work is also required. Monitoring work includes inspections for structural problems, evaluation of vegetation survival and cover, identification of weed infestations, and in some cases, salmonid and salmonid habitat assessments.

### PROJECT COMPARISON:

New

### COST DATA:

FUNDING REQUEST: \$126,940 (2008)

ORIGINAL COST DATA: \$0 (2008)

2008-2013 COST ESTIMATE: \$126,940

ANNUAL OPERATING COSTS

### STATUS:

New Project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
009	CONST ADMIN/ENGINEERING	126,940	0	0	0	0	0	126,940
EXPENDITURE TOTAL		126,940	0	0	0	0	0	126,940

## REVENUES

### ACCOUNT

39719	CONTRBTN-FLD CTRL ZONE DT	126,940	0	0	0	0	0	126,940
REVENUE TOTAL		126,940	0	0	0	0	0	126,940



## FLX100 FLOOD DISTRICT CAPITAL CONTINGENCY

### GENERAL PROGRAM

COUNCIL DISTRICT 10

FUND: 3571 KING COUNTY FLOOD CONTROL  
CAPITAL CONTRACT

LOCATION COUNTYWIDE

DEPT: 0571 KC FLD CONTRL ZONE CONST

### DESCRIPTION

This is the overall contingency project for the King County Flood Control Zone District capital fund. In order to balance capital projects within the existing scope and appropriation authority for a given capital project, it is sometimes necessary to allocate small amounts from the capital contingency project.

Ineligible for Art Contribution.

### PROJECT COMPARISON:

New

### COST DATA:

FUNDING REQUEST:	\$860,000	(2008)
ORIGINAL COST DATA:	\$860,000	()
2008-2013 COST ESTIMATE:	\$860,000	
ANNUAL OPERATING COSTS	N/A	

### STATUS:

New Project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
005	CONTINGENCY	860,000	0	0	0	0	0	860,000
EXPENDITURE TOTAL		860,000	0	0	0	0	0	860,000

## REVENUES

### ACCOUNT

39719	CONTRBTN-FLD CTRL ZONE DT	860,000	0	0	0	0	0	860,000
REVENUE TOTAL		860,000	0	0	0	0	0	860,000



## 367200 TACOMA PIPELINE V MITIGATION

**GREEN RIVER VALLEY LARGE PROGRAM**

**COUNCIL DISTRICT 07**

**FUND:** 3672 ENVIRONMENTAL RESOURCES

**LOCATION** WRIA 9

**DEPT:** 0672 ENVIRONMENTAL RESOURCE

### DESCRIPTION

Environmental Resource Fund master project associated with mitigation requirements of Tacoma's Second Supply Pipeline. This fund was established through a Comprehensive Mitigation Plan for the project that was adopted by King County Council in 1993 and specifies a series of payments as partial mitigation for the pipeline project. These payments include an initial payment of \$750,000 which has already been received, a \$1,750,000 payment was received in 2005. These monies are distributed to sub-projects to be used for fisheries habitat and off-site mitigation in the Green River basin in accordance with the project list approved by the steering committee. Ineligible for Art contribution.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$699,420	(2008)
ORIGINAL COST DATA:	\$2,500,000	(2003)
2008-2013 COST ESTIMATE:	\$699,420	
ANNUAL OPERATING COSTS		

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
003	CONSTRUCTION	699,420	0	0	0	0	0	699,420
<b>EXPENDITURE TOTAL</b>		699,420	0	0	0	0	0	699,420

## REVENUES

### ACCOUNT

30800	BEG UNENCUMBERED FUND BA	699,420	0	0	0	0	0	699,420
<b>REVENUE TOTAL</b>		699,420	0	0	0	0	0	699,420



## 367201 FINANCE DEPT FUND CHARGE

**GREEN RIVER VALLEY LARGE PROGRAM**

**COUNCIL DISTRICT 10**

**FUND:** 3672 ENVIRONMENTAL RESOURCES

**LOCATION** COUNTYWIDE

**DEPT:** 0672 ENVIRONMENTAL RESOURCE

### DESCRIPTION

Covers Central Finance Dept Charges and CX Overhead charges. Ineligible for art contribution.

### PROJECT COMPARISON:

No change

### COST DATA:

FUNDING REQUEST: \$1,152 (2008)

ORIGINAL COST DATA: (NA)

2008-2013 COST ESTIMATE: \$1,152

ANNUAL OPERATING COSTS

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
005	CONTINGENCY	1,152	0	0	0	0	0	1,152
EXPENDITURE TOTAL		1,152	0	0	0	0	0	1,152

## REVENUES

### ACCOUNT

30800	BEG UNENCUMBERED FUND BA	1,152	0	0	0	0	0	1,152
REVENUE TOTAL		1,152	0	0	0	0	0	1,152



## 367300 CRITICAL AREAS MITIGATION

### MISC SERVICES PROGRAM

COUNCIL DISTRICT 10

FUND: 3673 CRITICAL AREAS MITIGATION

LOCATION COUNTYWIDE

DEPT: 0674 CRITICAL AREAS MITIGATION

### DESCRIPTION

The Critical Areas Ordinance established a program that allows developers to pay a fee in lieu of mitigating for the environmental impacts of development. This project requests appropriation of this fee revenue for WLR to carry out off-site mitigation efforts, according to the Critical Areas legislation.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$250,000	(2008)
ORIGINAL COST DATA:		(NA)
2008-2013 COST ESTIMATE:	\$250,000	
ANNUAL OPERATING COSTS		

### STATUS:

Ongoing

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
003	CONSTRUCTION	250,000	0	0	0	0	0	250,000
EXPENDITURE TOTAL		250,000	0	0	0	0	0	250,000

## REVENUES

### ACCOUNT

44321	CRITICAL ARS MITIGTN FEES	250,000	0	0	0	0	0	250,000
REVENUE TOTAL		250,000	0	0	0	0	0	250,000